QUERYING METHOD INFORMATION

Abstract of the Disclosure

A technique includes querying method information in execution environments for programs written for virtual machines. This technique limits the searching scope within a

5   relatively smaller region of the queried instruction pointer (IP) or code address and relieves the management overhead of a method lookup table, with garbage collector facilitation. In one embodiment, a system receives a code address and queries method metadata for the code address by limiting the search scope within a local memory sub-region of the code address.

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